



Atty. Docket No.: 25436/1163

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Sorge, et al.
Serial No.: 10/786,425
Filed: February 25, 2004
Entitled: RENILLA RENIFORMIS GREEN
FLUORESCENT PROTEIN AND
MUTANTS THEREOF

Examiner: Not Yet Assigned
Group Art Unit: Not Yet Assigned
Conf. No.: Not Yet Assigned

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8a

I hereby certify that this correspondence (and any paper or fee referred to as being enclosed) is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Melissa Powers

Name of Person Mailing Paper

Melissa Powers

Signature of Person Mailing Paper

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Enclosed for filing in the above-identified patent application, please find the following documents:

1. Information Disclosure Statement;
2. Form PTO-1449; and
3. Return Post Card.

The Commissioner for Patents is hereby authorized to charge any fees to Deposit Account No. 16-0085, Reference 25436/1163. A duplicate of this transmittal letter is enclosed for this purpose.

Date:

April 6, 2004

Respectfully submitted, *Mathieu Beaudet*

50,649 signing for

Name: Kathleen Williams
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Customer No.: 27495
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**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.56, 1.97 AND 1.98**

Dear Sir:

In accordance with the duty of disclosure under 37 CFR § 1.56, Applicant submits this Information Disclosure Statement pursuant to 37 CFR §§ 1.97 and 1.98 in the above-identified application for consideration by the Patent Office.

A copy of the cited documents were submitted to the U.S. Patent and Trademark Office in the parent application, U.S. Serial No. 09/795,040. Pursuant to CFR § 1.97(b)(3), because this Statement is being submitted before the first Office Action on the merits, no fee is required.

Applicant does not intend to represent that any of the documents submitted herein are material prior art to this invention or that the list represents an exhaustive search of documents related to this invention.

Applicant respectfully requests that the documents submitted herein be considered and made of record in this application.

Date: April 6, 2004

Respectfully submitted,

Matt Beaudet
50,649; signing for

Name: Kathleen Williams
Registration No.: 34,380
Customer No.: 27495
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INFORMATION DISCLOSURE STATEMENT

Attorney Docket No.

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U.S. PATENT DOCUMENTS

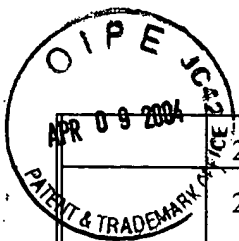
Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
	1.	5,625,048	April 29, 1997	Tsien et al.	536	23.4	November 10, 1994
	2.	5,777,079	July 7, 1998	Tsien et al.	530	350	November 20, 1996
	3.	5,804,387	September 8, 1998	Cormack et al.	435	6	January 31, 1997
	4.	5,874,304	February 23, 1999	Zolotukhin et al.	435	366	January 18, 1996
	5.	6,228,604 B1	May 8, 2001	Escher et al.	435	25	June 10, 1999

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Class	Subclass	Translation	
							YES	NO
	6.	WO 97/11094	March 27, 1997	PCT	C07K	14/435		X
	7.	WO 97/20078	June 5, 1997	PCT	C12Q	1/68		X
	8.	WO 97/42320	November 13, 1997	PCT	C12N	15/12		X
	9.	WO 98/06737	February 19, 1998	PCT	C07H	21/04		X
	10.	WO 98/21355	May 22, 1998	PCT	C12P	21/06		X
	11.	WO 98/44788	October 15, 1998	PCT	A01K	67/027		X
	12.	WO 99/49019	September 30, 1999	PCT	C12N	9/00		X
	13.	WO 01/32688 A1	May 10, 2001	PCT	C07K	1/00		X
	14.	WO 02/48174 A2	June 20, 2002	PCT	C07K			X
	15.	WO 02/060941 A2	August 8, 2002	PCT	C07K	14/435		X

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

	16.	Chalfie, M., (1995), "Green Fluorescent Protein", <i>Photochemistry and Photobiology</i> , 62(4):651-656.
	17.	Chalfie, M. et al., (1994), "Green Fluorescent Protein as a Marker for Gene Expression", <i>Science</i> , 263:802-805.
	18.	Delagrave, S. et al., (1995), "Red-Shifted Excitation Mutants of the Green Fluorescent Protein", <i>Bio/Technology</i> , 13:151-154.
	19.	Ehrig, T. et al., (1995), Green-flourescent protein mutants with altered fluorescence excitation spectra", <i>FEBS Letters</i> , 367:163-166.



20.	Heim, R. et al., (1995), "Anticipated stimuli across skin", <i>Nature</i> , 373:663-664.
21.	Prasher, D.C. et al., (1992), "Primary structure of the <i>Aequorea victoria</i> green-fluorescent protein", <i>Gene</i> , 111:229-233.
22.	Surpin, M.A. et al., "Development of Monoclonal Antibodies to <i>Aequorea</i> Green-Fluorescent Protein and their Cross Reaction with <i>Renilla</i> Green-Fluorescent Protein", <i>Photochemistry and Photobiology, (Suppl.)</i> 45:95S.
23.	Tsien, R.Y., (1998), "The Green Fluorescent Protein", <i>Annu. Rev. Biochem.</i> , 67:509-544.
24.	Vaillancourt, P.E. et al., (2000), "The Cloned, Humanized Green Fluorescent Protein from <i>Renilla Reniformis</i> is Less Cytotoxic than EGFP", <i>Molecular Biology</i> , 11(Supp):131.
25.	Ward, W.W. et al., (1979), "An Energy Transfer Protein in Coelenterate Bioluminescence", <i>The Journal of Biological Chemistry</i> , 254(3):781-788.
26.	Ward, W.W. et al., (1982), "Spectral Perturbations of the <i>Aequorea</i> Green-Fluorescent Protein", <i>Photochemistry and Photobiology</i> , 35:803-808.
27.	Yang, T. et al., (1996), "Dual color microscopic imagery of cells expressing the green fluorescent protein and a red-shifted variant", <i>Gene</i> , 173:19-23.
28.	International Search Report of International Application No. PCT/US01/06131.
29.	Supplementary European Search Report of Application No. EP 01 91 3066.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

**Copies of references not provided at the time of this submission.